



		HEIGHTS	
LENGTH BETWEEN PERPENDICULARS - 14'-1 1/2" W.L.	325'-0"	LOWEST POINT OF KEEL TO TOP OF STRENGTH	19'-9 1/4"
PROJECTION FORWARD OF F.P.	8'-0"	HULL	
PROJECTION AFT OF A.P.	8'-6"	BASE LINE TO UPPER DECK - AMIDSHIPS	21'-7"
LENGTH OVER ALL	341'-6"	MOULDED	
LENGTH ON STRAIGHT KEEL	135'-6"	LOWEST POINT OF KEEL TO TOP OF CONNING TOWER	29'-4 3/4"
BREADTH MOULDED	27'-0"	LOWEST POINT OF KEEL TO TOP OF PERISCOPE FAIRWAY	28'-5 1/4"
BREADTH EXTREME OVER FENDERS	27'-6 3/4"	LOWEST POINT OF KEEL TO TOP OF HIGHEST PERISCOPE EXTENDED	61'-1"
DRAFT - SURFACE CONDITION TO UNDER SIDE OF KEEL PLATES	15'-11 1/2"		

HOSE CONNECTIONS (AIR)			
SIZE	NO	LOCATION	
1 1/2"	2	CONNING TOWER FAIRWAY	AFT
		COMPARTMENT AIR SUPPLY SYSTEM	PORT
		MAIN BALLAST TANK AIR SALVAGE	STBD
		COMPARTMENT AIR SALVAGE	

TABLE OF TANK CAPACITIES NORMAL FUEL OIL TANKS			
COMPT	TANK	GAL'S	TONS - SW
A-905-F	N.F.O. NO. 1	4141	13.19
A-907-F	" " 2	3555	11.00
D-901-F	" " 3	12450	39.65
D-902-F	" " 4	4890	15.77
D-903-F	" " 5	12444	39.55
D-904-F	" " 6	10297	32.11
	TOTAL N.F.O.	47987	152.50
	D.W. DENSITY = 261.8 GAL'S/TON		F.O. DENSITY = 314 GAL'S/TONS

RESERVE FUEL OIL			
C-12W	RES. (N.B.T. NO. 3)	27743	88.32
	TOTAL F.O.	75630	240.85

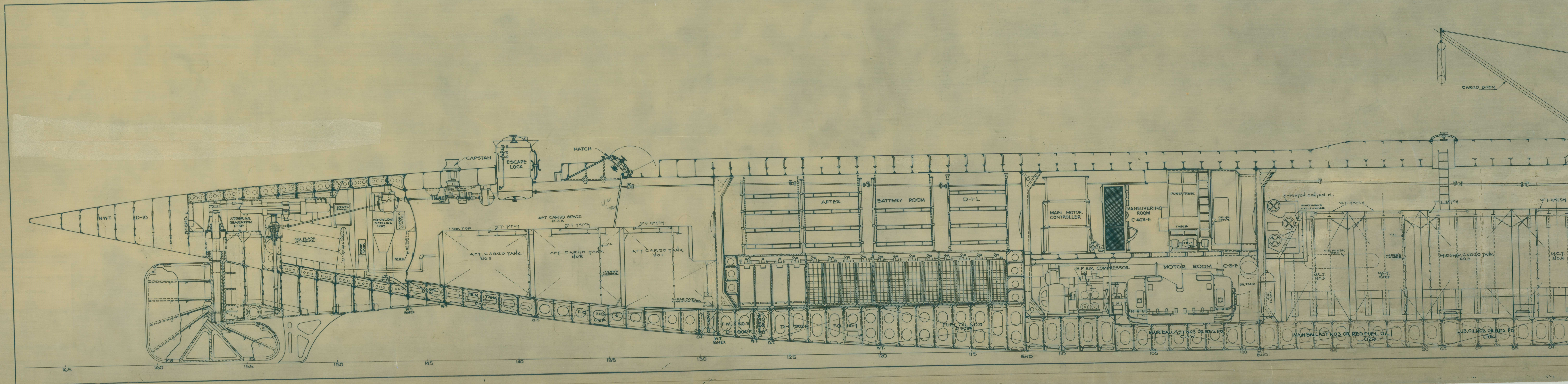
NORMAL LUBRICATING OIL - 95% CAP.			
C-911	N.L.O. NO. 1	3620	12.44
C-912	" " 2	8820	28.13
	TOTAL N.L.O.	12440	40.57
	LUB. OIL DENSITY = 290.9 GAL'S/TONS		

LUBRICATING OIL SUMP TANK - 75% CAP.			
C-901	LO SUMP NO. 1 STBD	326	1.13
C-902	" " PORT	326	1.13
	TOTAL LO SUMPS	652	2.26
	MAXIMUM L.O.	7092	24.39

TANK CAPACITIES VARIABLE TANK		
COMPT	TANK	LBS. SW
A-1-W	FORWARD TRIM	37766
A-2-W	AUX. BALLAST	10080
A-901W	RES. TRIM	9162
C-908W	REGULATING TANK	4070
C-9W	AUX. NO. 1 STBD	23760
C-8W	" " 2 PORT	23760
C-11W	" " 2 STBD	23760
C-10W	" " 2 PORT	23760
D-8W	AFTER TRIM	33267
D-9W	AUX. BALLAST	11894
	TOTAL VARIABLES	215069
	S.W. DENSITY = 261.8 GAL'S	

FRESH WATER T		
COMPT	TANK	GAL'S
A-902W	FRESH WATER NO. 1	850
A-903W	" " 2	710
A-904W	" " 3	1085
	BATT. F.W. FORD.	1513
	AFT	390
	TOTAL F.W.	4468
	F.W. DENSITY = 269.3 GAL'S/TON	

MAIN BALLAST & SAFETY		
C-3W	M.B.T. NO. 1 STBD	
C-4W	" " 1 PORT	
C-7W	" " 2 STBD	
C-6W	" " 2 PORT	
C-12W	" " 2 (RES. F.O.)	27743
C-14W	" " 4	
C-903W	SAFETY TANK NO. 1	
C-907W	" " 2	
	TOTAL M.B. & SAFETY	



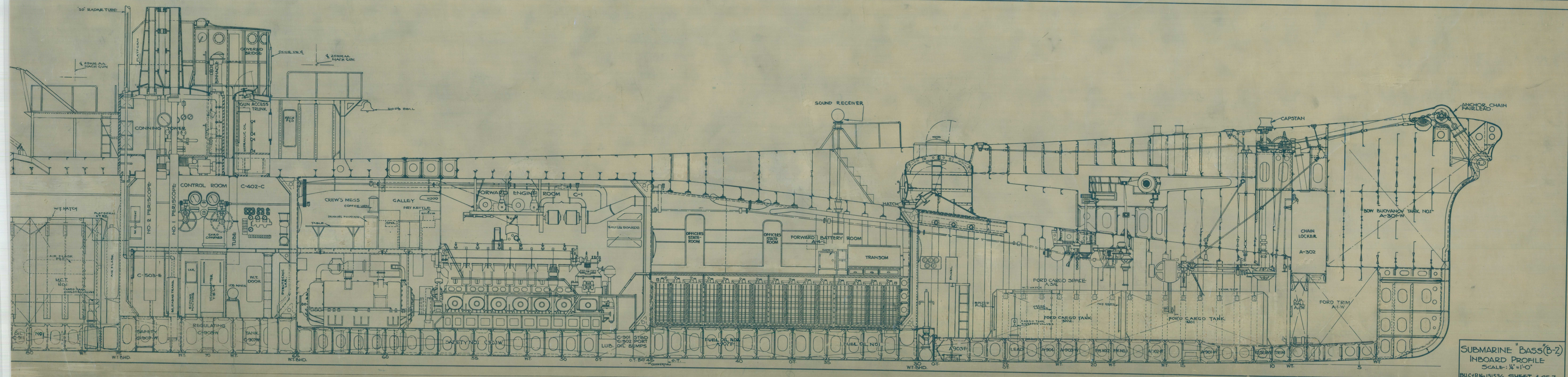
CONT'D		CARGO TANKS	
CAPACITY		TANK	CAP. TONS OF CAPACITY
TONS SW		FORWARD NO.1	2949 1032
16.89		" " NO.2	48.69 1004
4.50		TOTAL	58.14 2036
4.09		MIDSHIP NO.1	42.12 1674
2.71		" " NO.2	33.13 1860
11.50		" " NO.3	53.27 1865
11.44		" " NO.4	62.50 1457
11.44		" " NO.5	37.80 13.53
12.77		TOTAL	226.82 7939
5.31		AFT NO.1	24.65 843
58.72		" " NO.2	22.65 792
		" " NO.3	16.53 378
		TOTAL	63.81 2259
		TOTAL	348.81 122.08

TANKS	
TONS SW	TONS F.W.
2.45	
2.64	
4.03	
5.62	
18.6	
16.60	

CY TANKS	
35.68	
33.98	
42.67	
43.67	
105.97	88.35
68.36	
33.07	
23.52	
38.66	

SUBMARINE "BASS" (B-2)
GENERAL DIMENSIONS
AND DATA
BU. C&R No. 131536 SHEET 2 OF 7

VANDYKE ISSUE STAMP			
ISSUED BY	DATE	SERIAL NO.	OFFICE CHARGED TO
M. I.	11/17/34		BU. C&R V.D.
"	"	1 To 4	" " " " "
"	"	5	NAVY D. REP.
"	"	6 To 13	NAVY D. REP.
"	"	14 To 19	BU. ENG. REP.
"	"	20	M. I. D.P.
"	"	21	C. D. HALLAND
"	11/16/35	22	C. D. HALLAND
"	11/17/36	23	C. D. HALLAND
PHILA.	6/13/39	24	BU. C&R
PHILA.	2/10/41	1	BU. SHIPS V.D.
PHILA.	8/24/41	2	BU. SHIPS V.D.
PHILA.	4-21-42	2	BU. SHIPS V.D.



SUBMARINE "BASS" (B-2)
INBOARD PROFILE
SCALE: 1/4" = 1'-0"
BU. C&R No. 131536 SHEET 4 OF 7

BOOKLET OF GENERAL DIMENSIONS
N. 2.2. B. 2.2. (2.2.107)

BU. C&R No. 131536-C